

**WesternGeco**

February 13, 2007

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

10001 Richmond Avenue  
Houston, Texas 77042-4299  
P.O. Box 2469 (77252-2469)  
Tel: 713-789-9600  
Fax: 713-789-0172

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §§ 1.8 AND 1.10**

I hereby certify that this correspondence and its attachments are being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, USPTO, P.O. Box 1450, Alexandria, VA 22313-1450 on February 13, 2007.

Carolanne King  
Carolanne M. King

02/13/2007  
Date

Re: U.S. Patent Application Serial No. 10/537,560; Entitled: "PROCESSING SEISMIC DATA;" First Named Inventor: Kamil Zerouk; Attorney Docket No. 36.0164-PCT-US

Dear Sir:

Enclosed for consideration in the above-referenced patent application are an Information Disclosure Statement, Form PTO-1449, copies of references B1 through B2 and C1 through C7, and a return receipt postcard.

No fee is believed to be due in connection with the filing of this Information Disclosure Statement. However, if it is determined by the Office that a fee in the amount of \$180.00 is due under 37 CFR § 1.17(p), the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account 50-1720/36.0164-PCT-US.

Respectfully submitted,

L. Mark Ye  
Registration No. 48,276  
Intellectual Property Attorney  
WesternGeco, L.L.C.  
Houston Technology Center  
10001 Richmond Avenue  
Houston, TX 77042-4299

**Please send correspondence to:**

WesternGeco L.L.C.  
Intellectual Property Department  
P. O. Box 2469  
Houston, Texas 77252-2469  
Phone: 713-689-2625  
Facsimile: 713-689-5777



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Kamil Zerouk

Serial Number: 10/537,560

Confirmation Number: 4708

Filing Date: June 3, 2005

Entitled: PROCESSING SEISMIC DATA

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Group Art Unit: 3662

Examiner: Ian J. Lobo

Atty Dkt No.: 36.0164-PCT-US

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

The Applicant and the Attorney who signs below on the basis of the information supplied by the inventor and the information in this file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

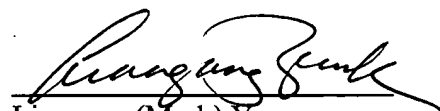
While the information submitted in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

No fee is believed to be due in connection with the filing of this Information Disclosure Statement. However, if it is determined by the Office that a fee in the amount of \$180.00 is due under 37 CFR § 1.17(p), the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account 50-1720/36.0164-PCT-US.

Respectfully submitted,



Liangang (Mark) Ye  
Registration Number 48,276  
WesternGeco, L.L.C.  
10001 Richmond Avenue  
Houston, Texas 77042  
Telephone: (713) 689-5799  
Facsimile: (713) 689-1977

**CERTIFICATION OF MAILING**

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By:   
Carolanne M. King

02/13/2007  
Date Signed

Forms PTO/SB08A and 08B (modified)

Atty. Docket No.: 36.0164-PCT-US

Application No.:  
10/537,560

List of Patents and Publications for  
Applicant's  
INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

Applicant(s): Kamil Zerouk

Filing Date: June 3, 2005

Group: 3662

U.S. Patent Documents  
See Page 1

Foreign Patent Documents  
See Page 1

Other Art  
See Page 1-2

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	6,651,007	11/18/2003	Ozbek			
	A2	6,446,008	09/03/2002	Ozbek			
	A3	5,771,203	06/23/1998	Soubaras			
	A4	5,191,526	03/02/1993	Laster <i>et al.</i>			
	A5	4,310,904	01/12/1982	Ballard <i>et al.</i>			

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	WO 99/60421	11/25/1999	PCT			
	B2	GB 2 337 591	11/24/1999	GB			

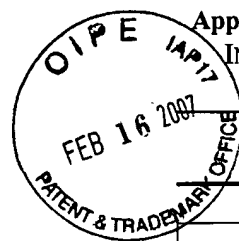
## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Anderson and McMechan, "Automatic editing of noisy seismic data," <i>Geophysical Prospecting</i> , 37(8):875, 1989.
	C2	Cambois and Frelet, "Can we surgically remove swell noise?" <i>SEG Geophysicists</i> , pp. 1381-1384, 1995.
	C3	Canales, "Random noise reduction," <i>SEG Technical Program Expanded Abstracts</i> , pp. 525-527, 1984.
	C4	Holcombe and Wojslaw, "Spatially weighted trim stacking: A technique for prestack noise," <i>SEG Geophysicists</i> , pp. 1157-1160, 1992.
	C5	Spitz, "Adaptive dip filtering in the <i>F-X</i> domain," SEG 63 <sup>rd</sup> Ann. Intern. Mtg., pp. 1181-1182, 1993.
	C6	UK Search Report dated April 9, 2003 for Application No. GB 0228260.6 (Attorney Docket No. 36.0164-GB).

EXAMINER:

DATE CONSIDERED:

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Forms PTO/SB08A and 08B (modified)		Atty. Docket No.: 36.0164-PCT-US	Application No.: 10/537,560
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant(s): Kamil Zerouk	
		Filing Date: June 3, 2005	Group: 3662
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1-2</i>	

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C7	Watts <i>et al.</i> , "Attenuation of marine wave swell noise by stacking in the wavelet packet domain," <i>SEG Expanded Abstracts</i> , XX(XX):1-4, 1999.

EXAMINER:	DATE CONSIDERED:
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